February, 1989, by the Government of India,

(b) and (c) it is proposed to establish wind power capacity of 5000 MW by the year 2001. So far, wind power and wind farm projects of the capacity of 8 MW have been established and over 151 lakh$_s$ units of electricity have been fed to the respective State grids.

Setting up of gas base power plant in Karaikal

2876. SHRI V. NARAYANSAMY: Will the Minister of ENERGY be pleased to state:

(a) whether it is a fact that the Government of Pondicherry 'has requested the Central Government for setting up of gas based power plant in Karaikal region of Pondicherry in view of the natural gas available in Cauvery basin; and

(b) if so, by when the said plant is likely to be set up there and at what cost?

THE MINISTER OF STATE IN THE DEPARTMENT OF POWER IN THE MINISTRY OF ENERGY (SHRI KALPNATH RAI): (a) and (b) A Feasibility Report for the setting up of a 2x5 MW ga$_s$ turbine power plant at Karaikal in the Union Territory of Pondicherry at ari estimated cost of Rs. 19.98 crores (based on the use of gas from Narimannam in Tamil Nadu) was received in the Central Electricity Authority (CEA) in January, 1989. The CEA have advised the Government of Pondicherry to obtain the commitment of additional gas so that one more 5 MW unit may be set up.

The proposal could be processed further for technoeconomic clearance after the additional fuel linkage is confirmed, the various inputs are tied up and the neeessary clearances—including from the environmental angle—have been obtained.

Self-sufficiency in power generation by DESU

2877. SHRI V. NARAYANASAMY: Will the Minister of ENERGY be pleased to state;

(a) whether it is a fact that the Delhi Electric Supply Undertaking has formulated a policy to achieve self-sufflciency in power generation; and

(b) if so, how many power generating units would be set up in Delhi to meet the growing demand of the consumers $_0$f Delhi including the industrial units?

THE MINISTER OF STATE IN THE DEPARTMENT OF POWER IN THE MINISTRY OF ENERGY (SHRl KALPNATH RAI): (a) and (b) The power planning in the country is done on a Regional Basis Delhi Electric Supply Undertaking system is connected to the Northern Regional Grid. The power requirements of Delhi are not from its own generating capacity at Indraprastha Thermal Power Station and Gas Turbine Station, generation from Badarpur Thermal Power Station and assistance from the Northern Grid.

In order to meet the growing demand of the consumers of Delhi including industrial units, steps have been taken to improv$_e$ the performance of Indraprastha and BTPS strengthening of transmission and Distribution Svstem i$_n$ Delhi, establishment of 135 MW capacity at Rajghat TPS and installation of 3x30 MW Waste Heat Recovery Unit at the existin:? gas turbine station. T$_n$ addition, the National Capital Power Project (840 MW) is also being set-up to meet the long-term power requirement of Delhi. A 600 MW gas based project at Dadri is also envisaged.

Setting up of 900 MW tidal power project in Kutch

2878. SHRI RAOOF VALIULLAH: Will toe Minister of ENERGY be pleased to state;

(a) whether Government have

asked the National Hydroelectric Power Corporation to set up a 900 MW tidal power project in Kutch region;

(b) whether Government of Gujarat have agreed to the proposal of setting up this project in the Central Sector and whether a suitable site has been selected, if so, what are the details thereof; and

(c) whether there are other power projects based on alternate sources of energy in view of vast potential of tidal and solar energy reserves in Kutch, if so, what are the details thereof?

THE MINISTER OF STATE TN THE DEPARTMENT OF POWER IN THE MINISTRY OF ENERGY (SHRI KALPNATH RAI). (a) Yes, Sir. Government have entrusted the execution of the proposed tidal power project in the Gulf of Kutch to the National Hydro electric Power Corporation.

(b) Yes, Sir. The Government of Gujarat have communicated their no objection to the setting up of the tidal power project in the Central Sector. A suitable site has been identified in the Hansthal Creek of the Gulf of Kutch.

(c) There is no other tidal power project in the Gulf of Kutch at present. However, a project proposal for setting up a 30 MW solar power plant near Bhuj has been submitted by Gujarat Energy Development Agency to the Department of Non-Conventional Energy Sources.

द्विभाषी टेलीप्रिंटरों का विनिर्माण

2879. **डा० रत्नाकर पाण्डेय** : क्या संचार मंत्री यह बताने की कृपा करेंगे कि :

(क) भारत में इलेक्ट्रानिक टेली-प्रिंटर किन-किन कंपनियों द्वारा बनाये जाते हैं;

(ख) देवनागरी लिपि के इलेक्ट्रॉनिक टेलीप्रिंटर किन-किन कपनियों द्वारा बनाए जाते हैं;

(ग) द्विभाषी टेलीप्रिंटरों का विनिर्माण किस वर्ष प्रारंभ हुआ था इसका पहला नमूना किस वर्ष तैयार किया गया था और इसका निर्माण कब आरंभ हुआ; और

(घ) भारत में अब तक कितने द्विभाषी टेलीप्रिंटर बनाए जा चुके हैं तथा कितने टेलीप्रिंटर बेचे जा चुके हैं ?

संचार मंत्रालय में राज्य मंत्री (श्री गिरधर गोमांगो) : (क) आज की तारीख में भारत की मैसर्स हिन्दुस्तान टेलीप्रिंटर्स लि० मद्रास, ही इलैक्ट्रानिक टेलीप्रिंटरों का विनिर्माण कर रही है।

(ख) केवल देवनागरी लिपि में इलेक्ट्रानिक टेलीप्रिंटरों का विनिर्माण किसी भी कंपनी द्वारा नहीं किया जा रहा है।

(ग) हिन्दुस्तान टेलीप्रिंटर्स लि. ने 1987 में रोमन तथा देवनागरी लिपि के द्विभाषिक इलैक्ट्रानिक टेलीप्रिंटरों का भी निर्माण शुरू किया था। हिन्दुस्तान टेलीप्रिंटर्स लि. ने प्रोटोटाइप द्विभाषी इलैक्ट्रानिक टेलीप्रिंटर नहीं बनाये थे।

(घ) जून, 1987 से आज की तारीख तक 3048 द्विभाषी इलैक्ट्रानिक टेलीप्रिंटर तैयार किए गए हैं, जिनमें से 2495 बेचे जा चुके हैं।

Study about Chemical Industry

2880. SHRI KRISHNA KUMAR BIRLA: Will the Minister of INDUSTRY be pleased to state:

(a) whether any assessment has been made by Government about the estimated number of unregistered and illegal units in the chemical industry in the country and what is the estimated annual fatality rate in these units during the last three years;

(b) if so, whether any study has been made to identify the factors behind the growth of unregistered chemical units in the country; and

(c) if so, what are the details thereof stating the manner in which Government propose to tackle the